

# ADAPTIVE VIDEO PREFILTER

## ABSTRACT OF THE DISCLOSURE

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A method for adaptively filtering a video signal prior to encoding is provided. The method initiates with calculating a local gradient indicative of a region type. Then, a weight factor is determined based upon the local gradient. Next, the weight factor is applied to a difference signal according to the region type. A computer readable media,  
10 an integrated circuit and a system for processing an image data signal are also provided.